IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9. Canceled

10. (Currently amended) A purified polypeptide comprising

the amino acid sequence of SEQ ID NO: 9~~;~~ or

a bioactive amino acid sequence that differs from SEQ ID NO: 9 by one or more conservative amino acid substitutions~~; or~~

~~a bioactive amino acid sequence that differs from SEQ ID NO: 9 by a single mutation, wherein the single mutation represents a single amino acid deletion, insertion or substitution~~.

11. (Previously Presented) The purified polypeptide of claim 10 wherein said polypeptide comprises an amino acid sequence of SEQ ID NO: 9.

12-14. Canceled

15. (Withdrawn) A method of screening for potential human therapeutic agents, said method comprising contacting a SAMP32 polypeptide with a candidate compound; and determining if the candidate compound selectively binds to the SAMP32 polypeptide.

16. (Withdrawn) The method of claim 15 wherein the SAMP32 polypeptide is expressed on the surface of a cell.

17. (Withdrawn) An antibody that binds specifically to the protein of SEQ ID NO: 9.

18. (Previously Presented) An antigenic composition comprising a bioactive polypeptide of claim 10, and a pharmaceutically acceptable carrier.

19-29 (Canceled)

30. (Currently Amended) A composition for inducing an immune response, said composition comprising a purified polypeptide, wherein the polypeptide comprises an amino acid sequence ~~selected from the group consisting~~ of SEQ ID NO: 9 ~~or a bioactive fragment of SEQ ID NO: 9;~~ and

a pharmaceutically acceptable carrier.

31. (Previously Presented) The composition of claim 30 further comprising an adjuvant.

32. (Currently Amended) A recombinant polypeptide comprising

the amino acid sequence of SEQ ID NO: 9~~;~~ or

a bioactive amino acid sequence that differs from SEQ ID NO: 9 by one or more conservative amino acid substitutions~~; or~~

~~a bioactive amino acid sequence that differs from SEQ ID NO: 9 by a single mutation, wherein the single mutation represents a single amino acid deletion, insertion or substitution~~.